

1                   **Under-cabinet Lighting System**

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3                   **ABSTRACT**

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5                   A low cost under-cabinet and display case lighting system that permits the highest degree  
6                   of flexibility in the installation and location of luminaires for under-cabinet and display case  
7                   lighting. The system consists of a high-frequency power source, an interconnection cord, and one  
8                   or more high-frequency luminaires. The high-frequency power source is powered from a source  
9                   of 50 or 60 Hertz power. The interconnection cord is connected to the high-frequency output of  
10                  high-frequency power source. The high-frequency luminaires are mounted in the desired  
11                  locations under the cabinets or display case shelves. The interconnecting cord is then routed to  
12                  each of the high-frequency luminaires and placed over the input terminals. The protective cover  
13                  is then forced over the interconnecting cord in the area of the input terminals forcing the input  
14                  terminals to pierce and displace the insulation of the cord and make contact with the conductors  
15                  within the interconnecting cord. Any number of additional high-frequency luminaires (within the  
16                  capacity of the high-frequency power source) may be added in the same manner.

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